



STA. 10+72.31, 28.41' RT. (MARATHON DR.)
 INLET, SPECIAL, NO. 1
 E.O.P. ELEV. = 447.11
 TOP OF INLET ELEV. = 447.49
 INV. ELEV. (E) = 442.06 (EX.)
 INV. ELEV. (W) = 442.04 (EX.)

STA. 10+74.94, 28.48' LT. (MARATHON DR.)
 INLET, SPECIAL, NO. 1
 E.O.P. ELEV. = 447.12
 TOP OF INLET ELEV. = 447.50
 INV. ELEV. (E) = 441.40 (EX.)
 INV. ELEV. (W) = 441.37 (EX.)

STA. 1751+95.66, 159.32' LT.
 CONCRETE COLLAR
 INV. ELEV. = 441.06
 0.7 CU. YD.

STA. 1751+87.18, 159.24' LT.
 PRECAST REINFORCED CONCRETE
 FLARED END SECTION, 36"
 INV. ELEV. = 440.97

36" S.S., CL. A, TY. 1
 13 L.F. @ 1.09%

STA. 1752+99.64, 160.34' LT.
 CONCRETE COLLAR
 INV. ELEV. = 442.19
 0.7 CU. YD.

STA. 1753+70.33, 143.91' LT.
 METAL END SECTION, 12"
 INV. ELEV. = 443.07

PIPE DRAIN 12" 77 L.F. @ 24.5%, WITH PIPE
 ELBOWS, 12" (22.5 33/64 BEND) WITH 1
 EACH CONCRETE THRUST BLOCK

STA. 1747+00.00, 121.25' RT.
 PROPOSED DITCH
 ELEV. = 439.38

12" S.S., CL. A, TY. 2
 62 L.F. @ 3.94%

1752+56.42 @ ILLINOIS ROUTE 13 =
 9+13.62 @ MARATHON DRIVE

MATCHLINE STA. 1743+00.00

MATCHLINE STA. 1756+00.00

IL ROUTE 13

IL ROUTE 13

MSE WALL 100-W001

MSE WALL 100-W002

MSE WALL #100-W003

STA. 1747+27.15, 87.31' RT.
 MATCH EXISTING DITCH
 ELEV. = 438.26

24" S.S., CL. A, TY. 6
 73 L.F. @ 0.48%

STA. 1751+95.00, 81.30' RT.
 PRECAST REINFORCED CONCRETE
 FLARED END SECTION, 24"
 INV. ELEV. = 441.23

STA. 1753+08.21, 86.62' RT.
 PRECAST REINFORCED CONCRETE
 FLARED END SECTION, 30"
 INV. ELEV. = 441.10

30" S.S., CL. A, TY. 1
 15 L.F. @ 0.24%

STA. 8+25.00, 24.00' RT. (MARATHON DR.)
 INLET, SPECIAL, NO. 1
 E.O.P. ELEV. = 445.09
 TOP OF INLET ELEV. = 445.47
 INV. ELEV. (E) = 441.05
 INV. ELEV. (W) = 441.05

STA. 1752+14.71, 88.62' RT.
 PRECAST REINFORCED CONCRETE
 FLARED END SECTION, 30"
 INV. ELEV. = 440.90

30" S.S., CL. A, TY. 1
 6 L.F. @ 0.26%

30" S.S., CL. A, TY. 1
 54 L.F. @ 0.23%

STA. 8+25.00, 24.00' LT. (MARATHON DR.)
 INLET, SPECIAL, NO. 1
 E.O.P. ELEV. = 445.09
 TOP OF INLET ELEV. = 445.47
 INV. ELEV. (E) = 440.93
 INV. ELEV. (S) = 441.83
 INV. ELEV. (W) = 440.93

PROPOSED @ MARATHON DRIVE

(22) STA. 1751+95.00, @
 FLUSH INLET BOX FOR MEDIAN
 STANDARD 542546, SPECIAL
 SEE STRUCTURAL DETAIL SHEET
 GRATE ELEV. = 469.36
 INV. ELEV. (N) = 465.36
 INV. ELEV. (S) = 465.36
 INV. ELEV. (S) = 441.61

(24) STA. 1751+95.00, 68.00' RT.
 TYPE C INLET BOX,
 STANDARD 609006 (SPECIAL)
 E.O.S. ELEV. = 471.79
 INV. ELEV. (N) = 467.79

(23) STA. 1751+95.00, 68.00' LT.
 TYPE C INLET BOX,
 STANDARD 609006 (SPECIAL)
 E.O.S. ELEV. = 471.79
 INV. ELEV. (S) = 467.79

(25) STA. 1753+70.33, 68.00' LT.
 TYPE E INLET BOX,
 STANDARD 610001
 E.O.S. ELEV. = 466.71
 INV. ELEV. (N) = 464.04

NOTES: STATION AND OFFSET OF STRUCTURES CALLED OUT TO
 ADJACENT EDGE OF PAVEMENT OR SHOULDER AS SHOWN
 IN STRUCTURE NOTES. SEE DRAINAGE STRUCTURE REFERENCE
 DETAIL SHEET.

ALL PIPE DRAIN FITTINGS AND BENDS SHALL BE INCLUDED
 IN THE UNIT PRICE PER FOOT FOR PIPE DRAIN 12".

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|---|---------------------------------|----------------|-----------|---|--|---------------|------------------------------------|-------------------|------------------|---------------------------|--|--|
| FILE NAME = | USER NAME = OpenH&B Springfield | DESIGNED - ARS | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | DRAINAGE PLAN ILLINOIS ROUTE 13 | F.A. RTE. 331 | SECTION (1X-1) VB-1, B-1, N-4, R-3 | COUNTY WILLIAMSON | TOTAL SHEETS 367 | SHEET NO. 111 | | |
| 1:\dot\0906603\draw\cadd\sheets\0906659-shd-drain02-Rte13.dgn | PLOT SCALE = 50.0000' / IN. | DRAWN - TAP | REVISED - | | | SCALE: 1"=50' | SHEET NO. 2 OF 3 SHEETS | STA. 1743+00 | TO STA. 1756+00 | ILLINOIS FED. AID PROJECT | | |
| | PLOT DATE = 12/14/2011 | CHECKED - JMM | REVISED - | | | | | | | CONTRACT NO. 98859 | | |
| | | DATE - 12/9/11 | REVISED - | | | | | | | | | |